

7,000,000,000,000,000

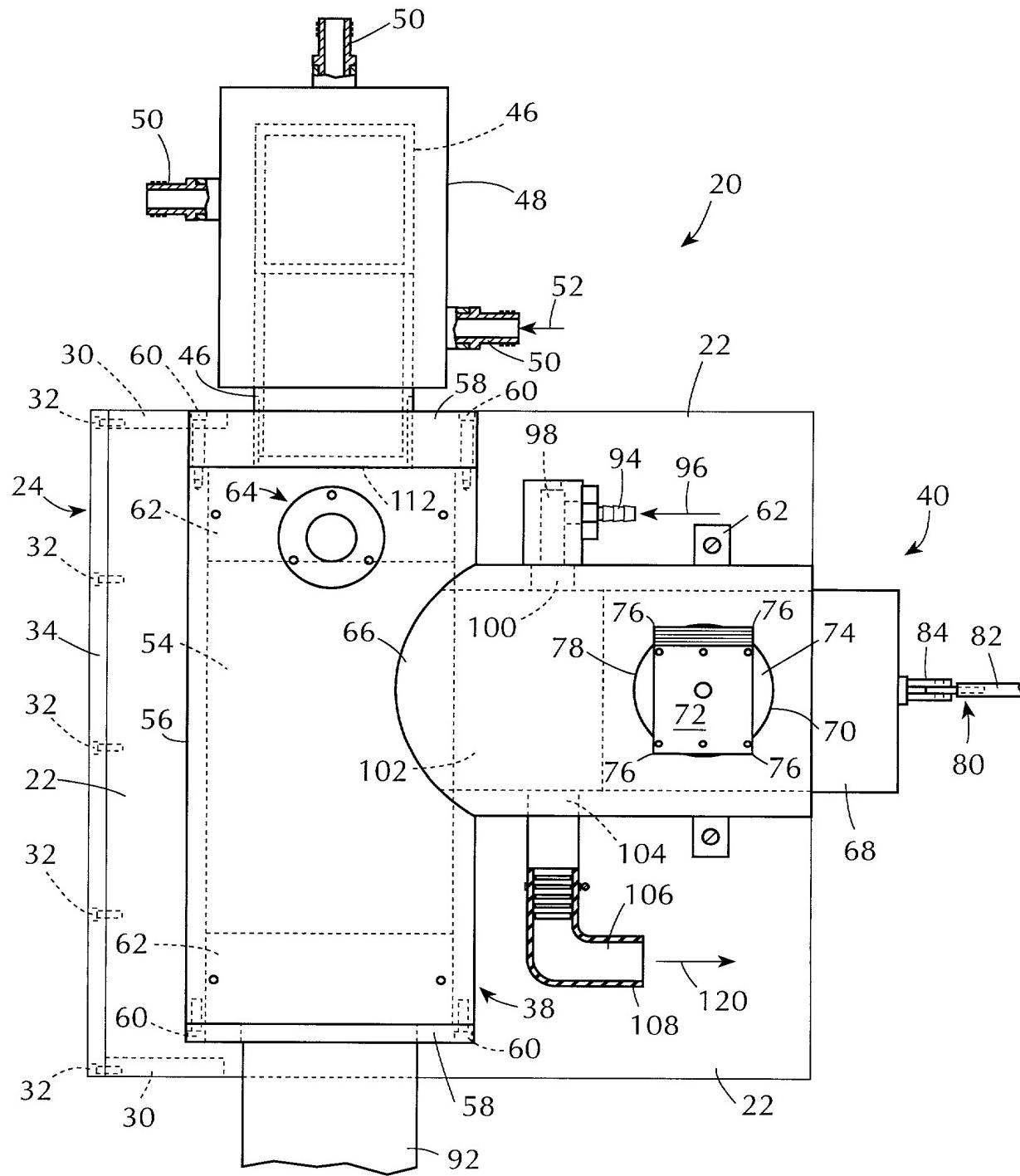
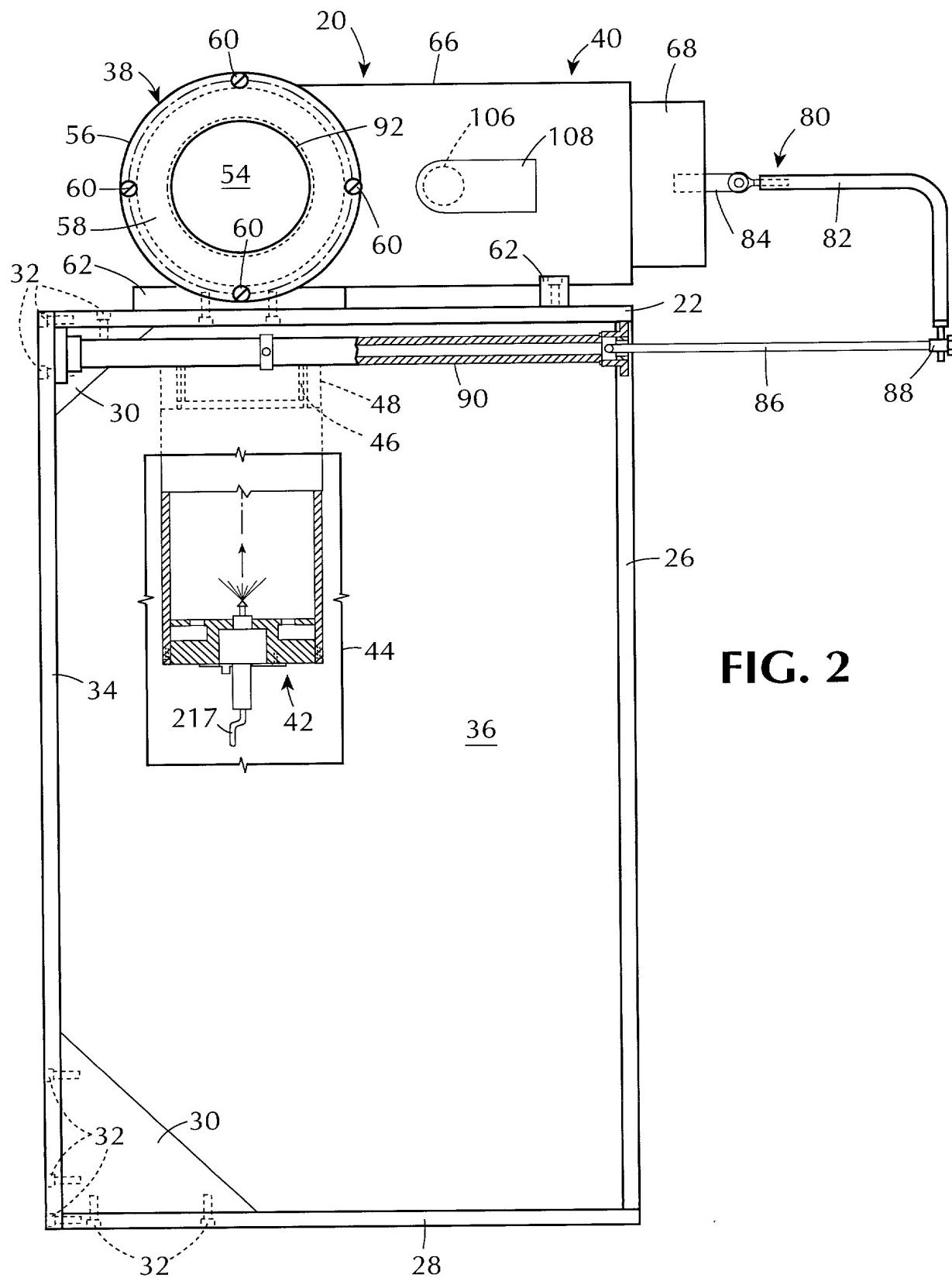


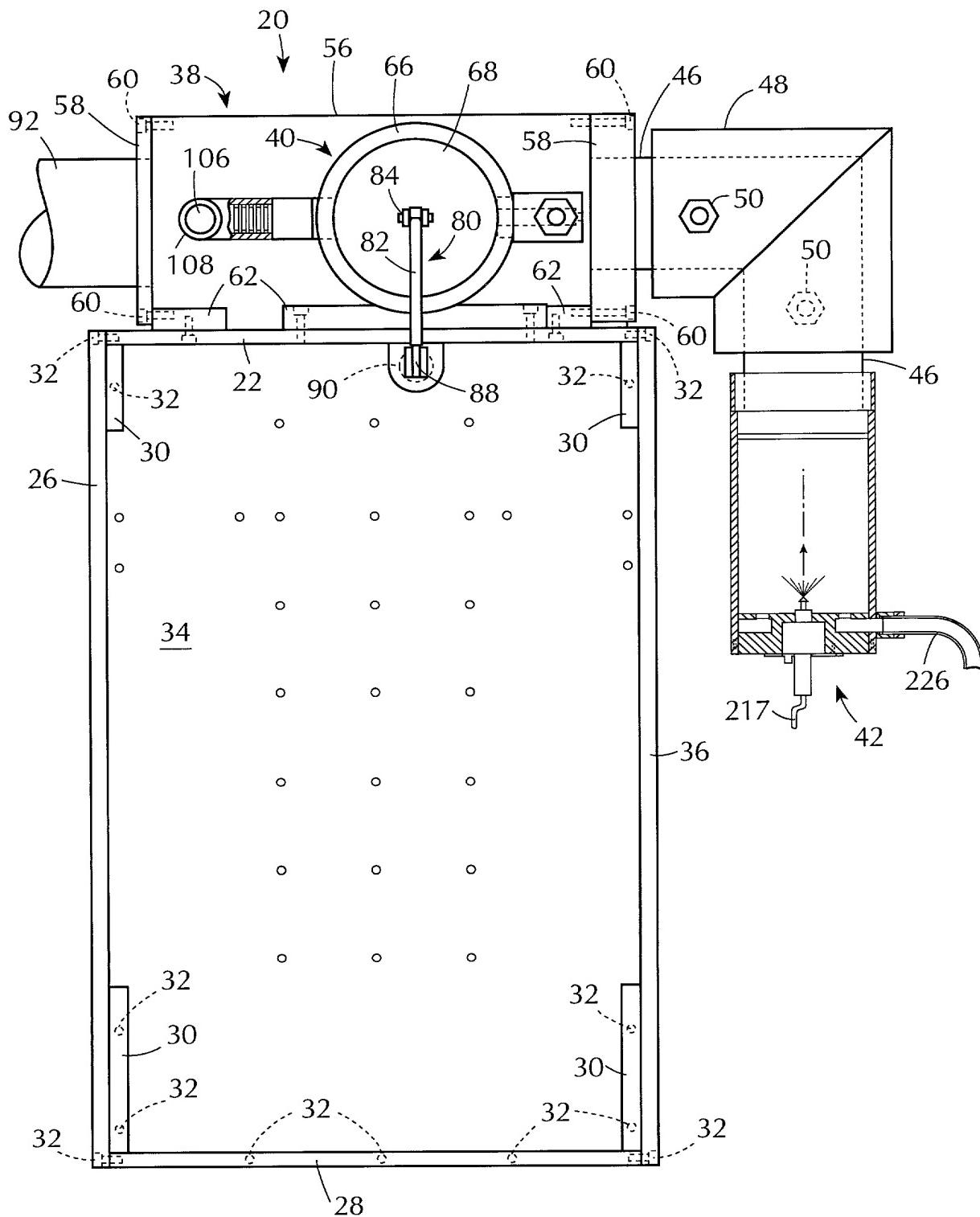
FIG. 1

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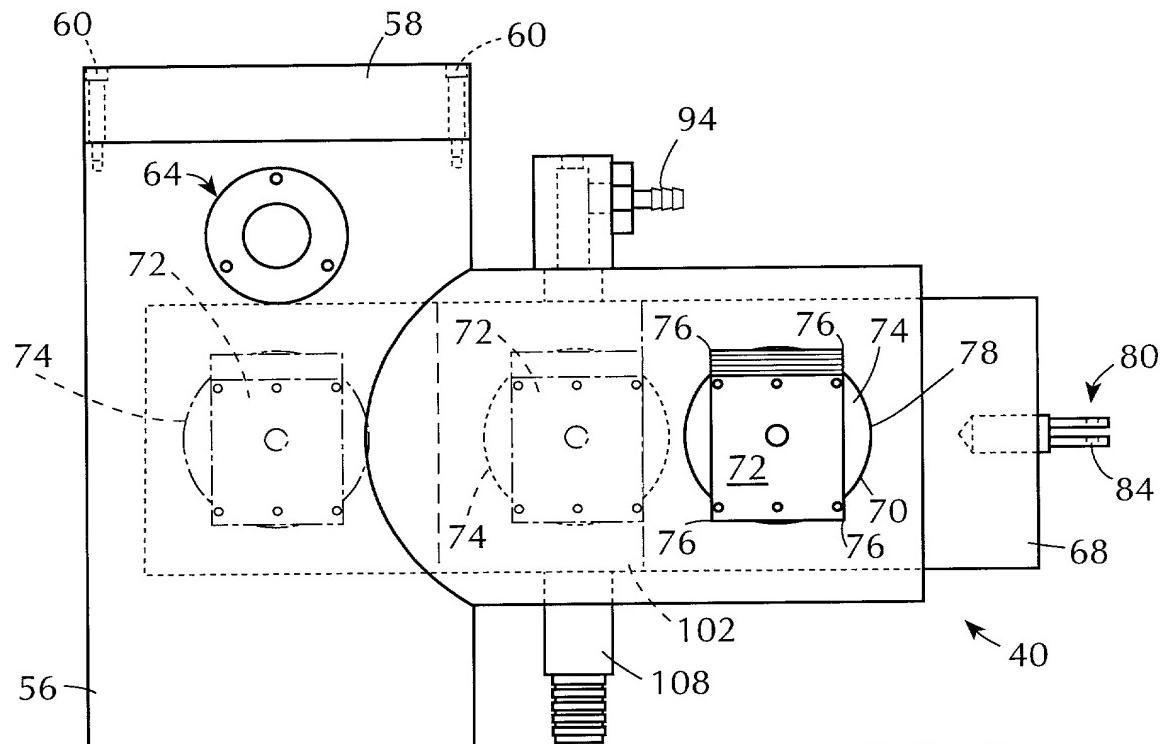


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**FIG. 3**



**FIG. 4**



**FIG. 8**

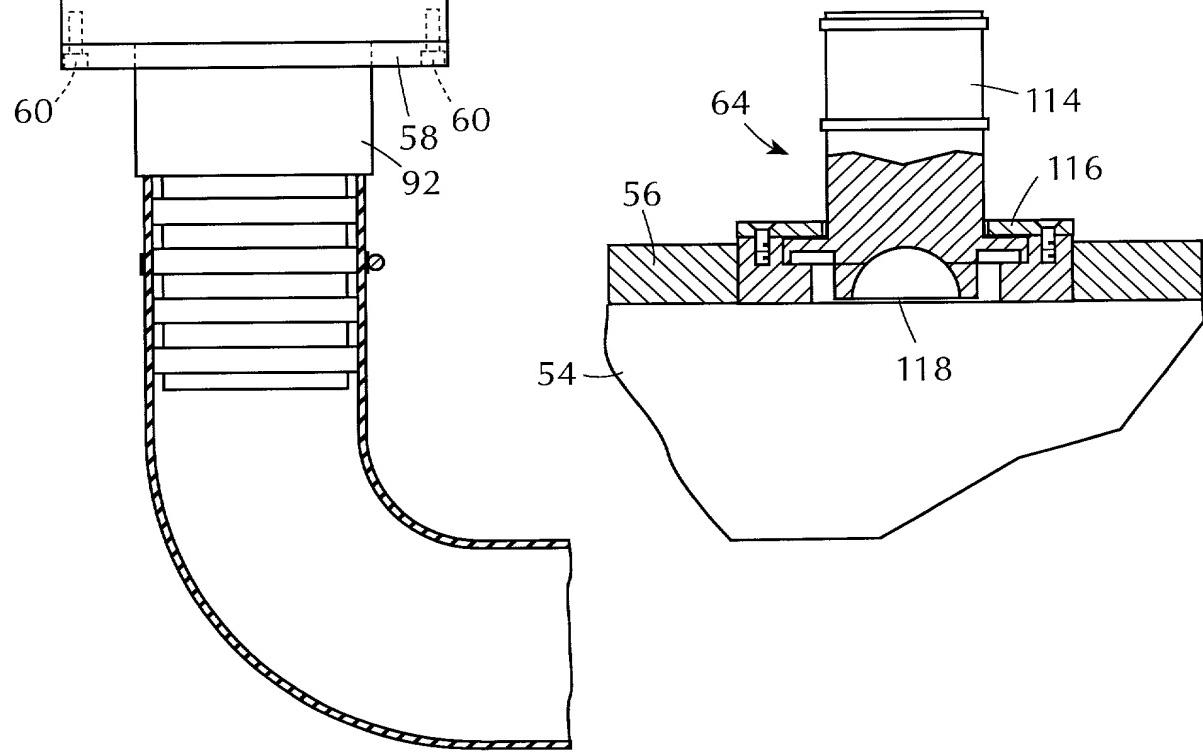


FIG. 5

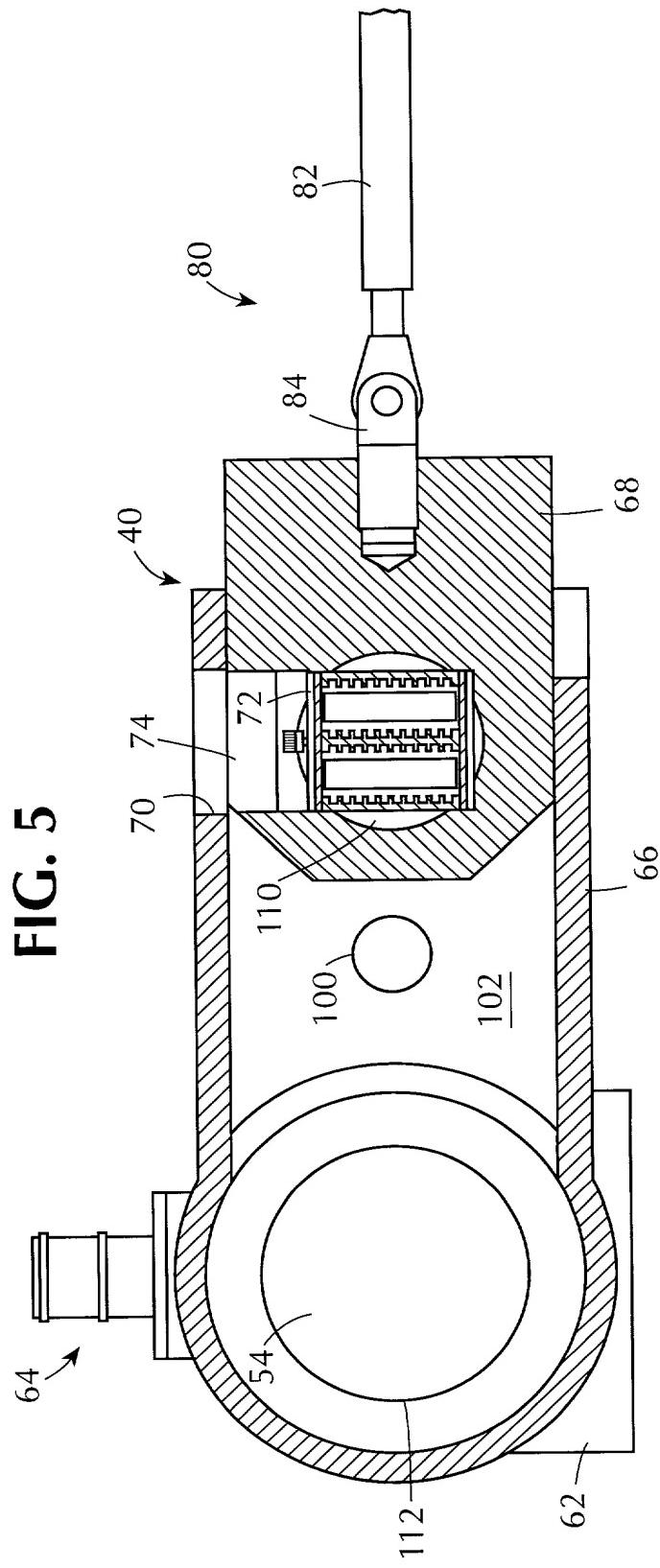


FIG. 6

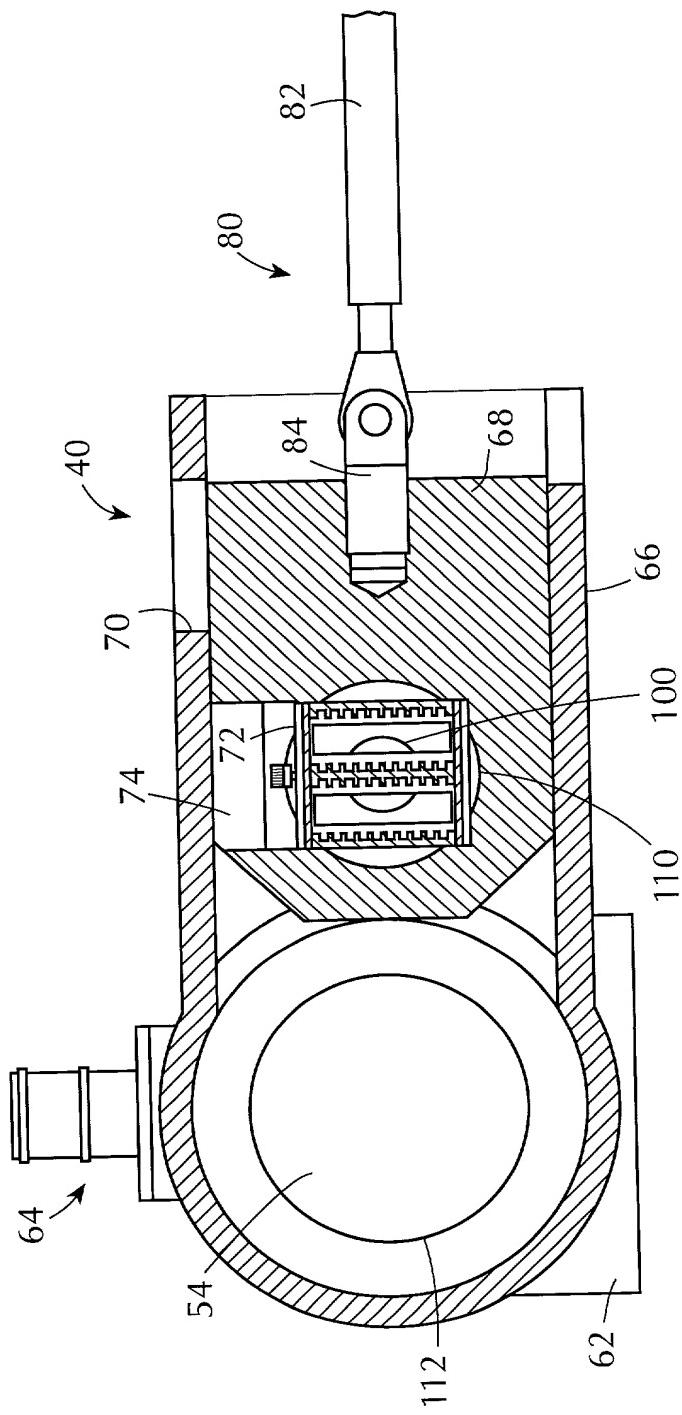
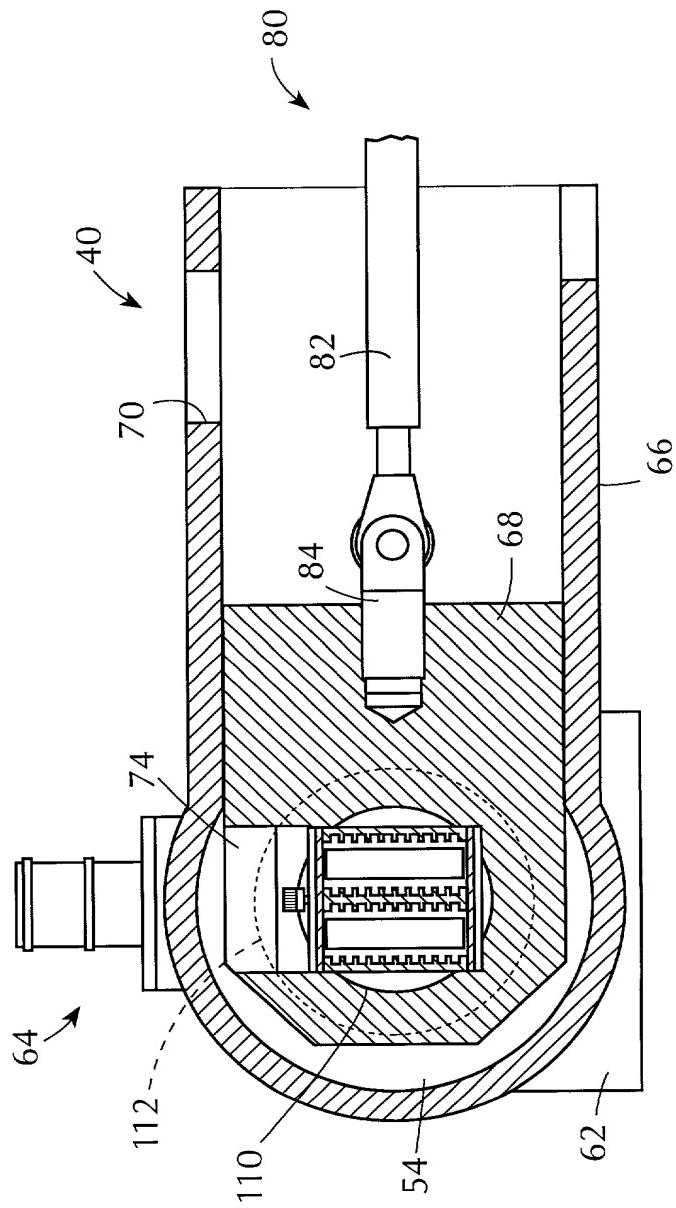


FIG. 7



7,016,020 U.S. Patent Office

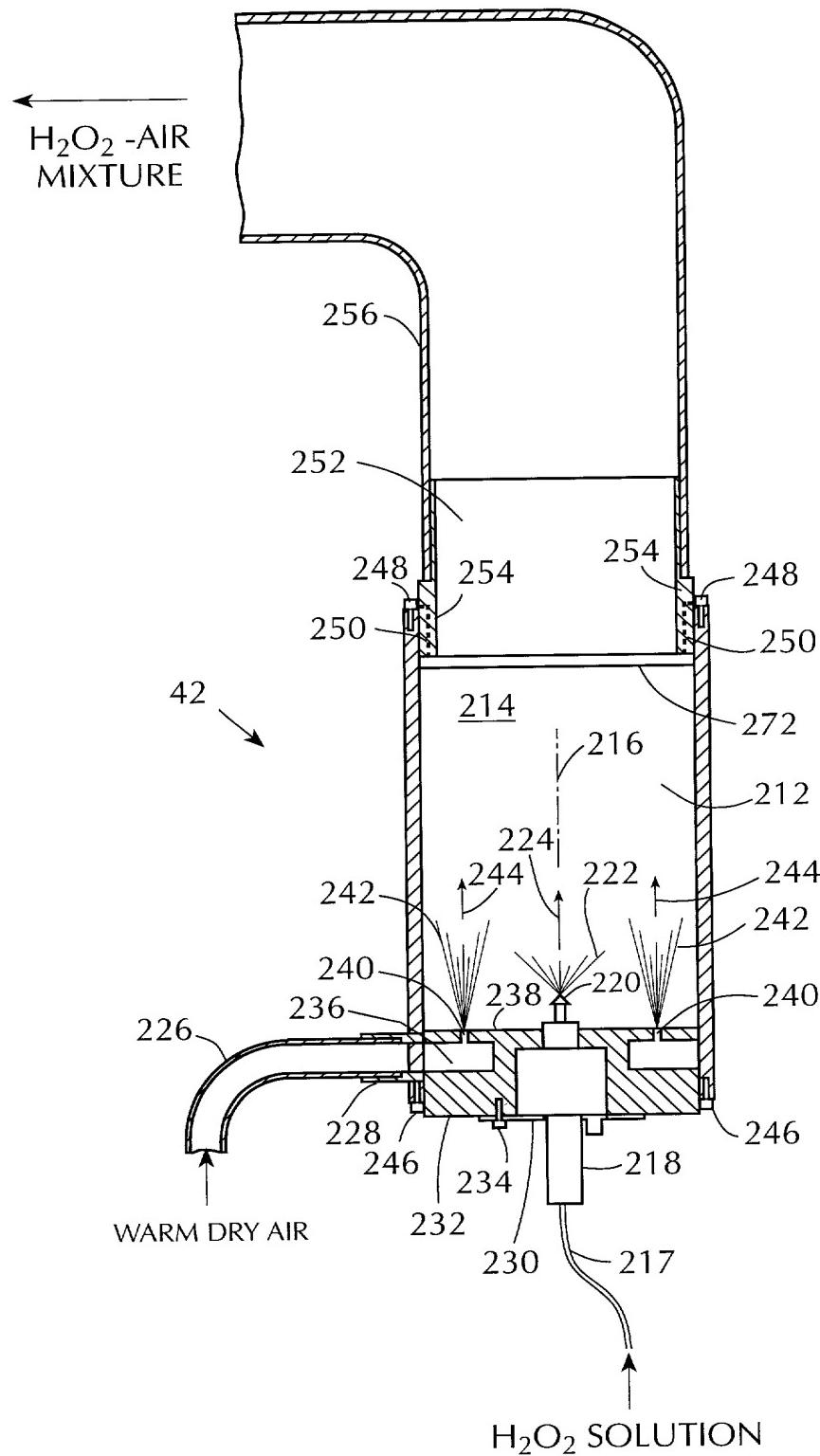


FIG. 9

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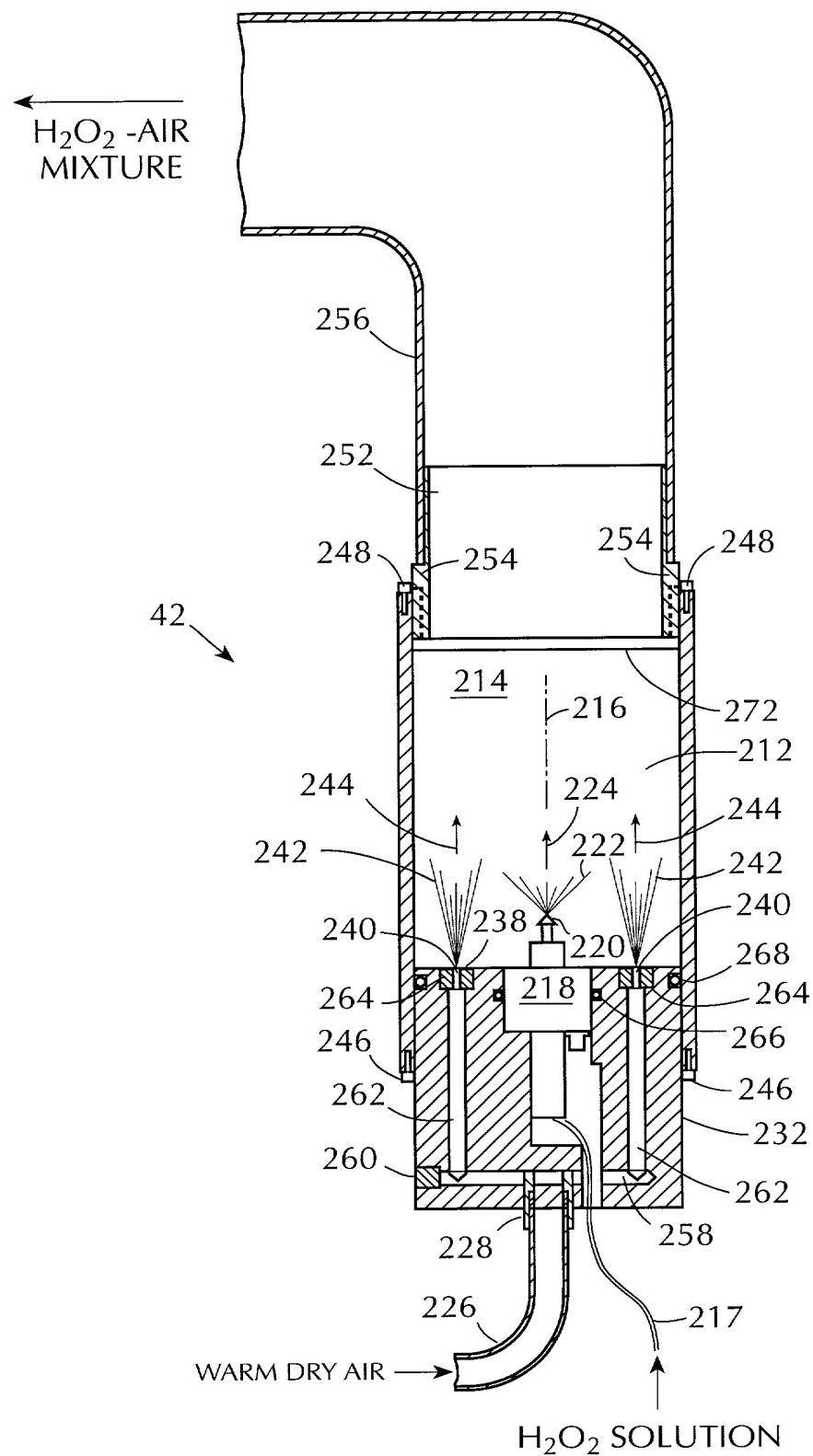
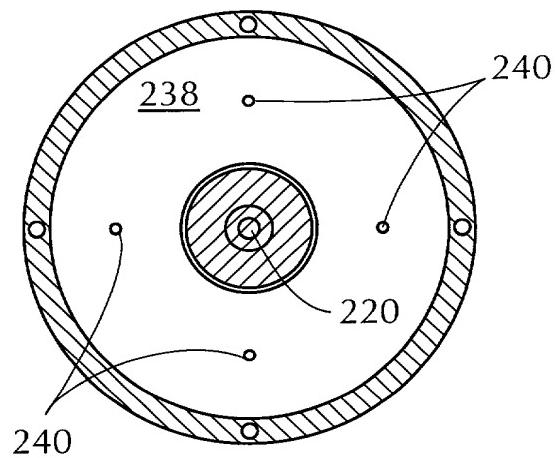


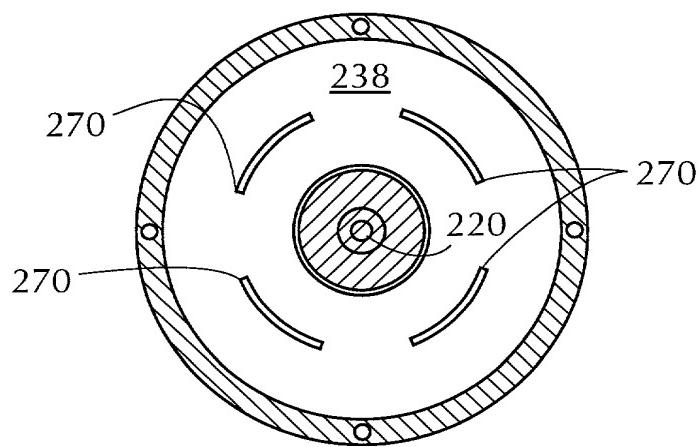
FIG. 10

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**FIG. 11**



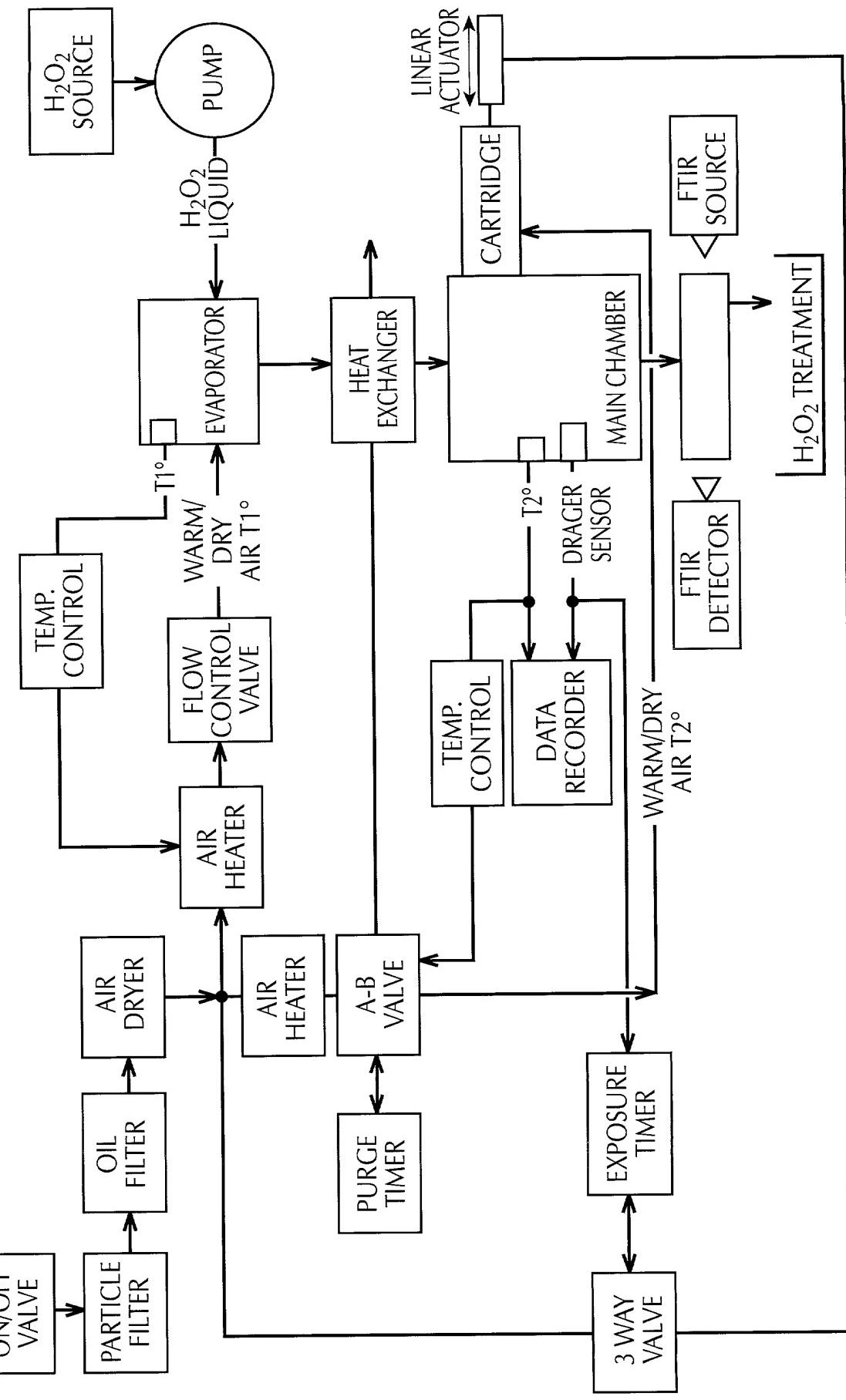
**FIG. 12**



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COMPRESSED AIR

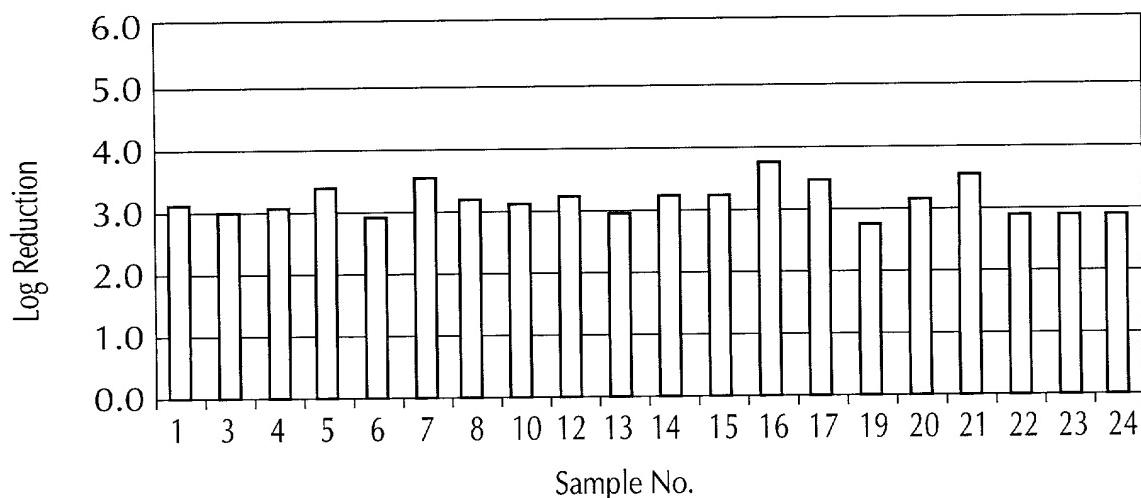
FIG. 13



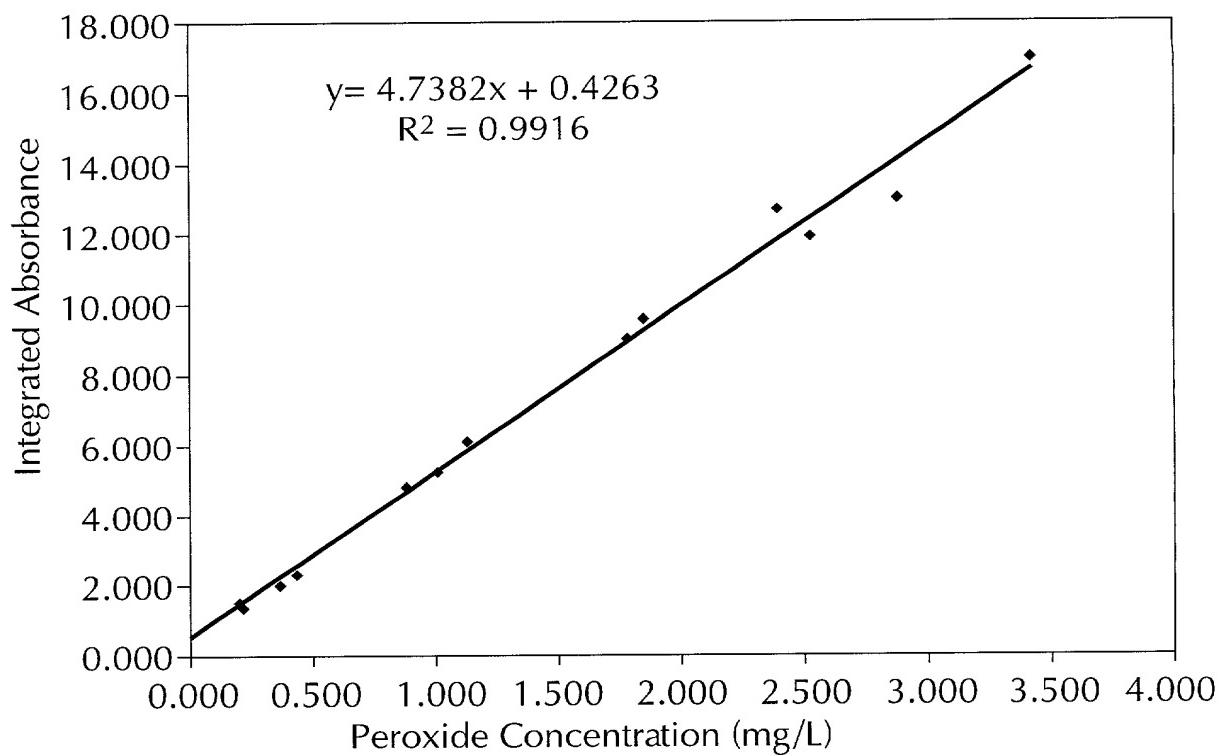
**FIG. 14**

Sample	Count 1	Count 2	log (Sample 1)	log (Sample 2)	log Average	Range	Log Reduction
1	750	710	2.8751	2.8513	2.8632	0.0238	3.1368
3	1070	890	3.0294	2.9494	2.9894	0.0800	3.0106
4	780	970	2.8921	2.9868	2.9394	0.0947	3.0606
5	370	480	2.5682	2.6812	2.6247	0.1130	3.3753
6	1280	1560	3.1072	3.1931	3.1502	0.0859	2.8498
7	360	260	2.5563	2.4150	2.4856	0.1413	3.5144
8	680	650	2.8315	2.8129	2.8227	0.0196	3.1773
10	820	790	2.9138	2.8976	2.9057	0.0162	3.0943
12	610	600	2.7853	2.7782	2.7817	0.0072	3.2183
13	1200	1190	3.0792	3.0755	3.0774	0.0036	2.9226
14	670	600	2.8261	2.7782	2.8021	0.0479	3.1976
15	620	710	2.7924	2.8513	2.8218	0.0589	3.1782
16	230	150	2.3617	2.1761	2.2689	0.1856	3.7311
17	440	360	2.6435	2.5563	2.5999	0.0872	3.4001
19	2130	1840	3.3284	3.2648	3.2966	0.0636	2.7034
20	810	690	2.9085	2.8388	2.8737	0.0696	3.1263
21	300	320	2.4771	2.5051	2.4911	0.0280	3.5089
22	1390	1280	3.1430	3.1072	3.1251	0.0358	2.8749
23	1320	1340	3.1206	3.1271	3.1238	0.0065	2.8762
24	1460	1390	3.1644	3.1430	3.1537	0.0213	2.8463
						Average	3.1402
						Standard Dev	0.2650

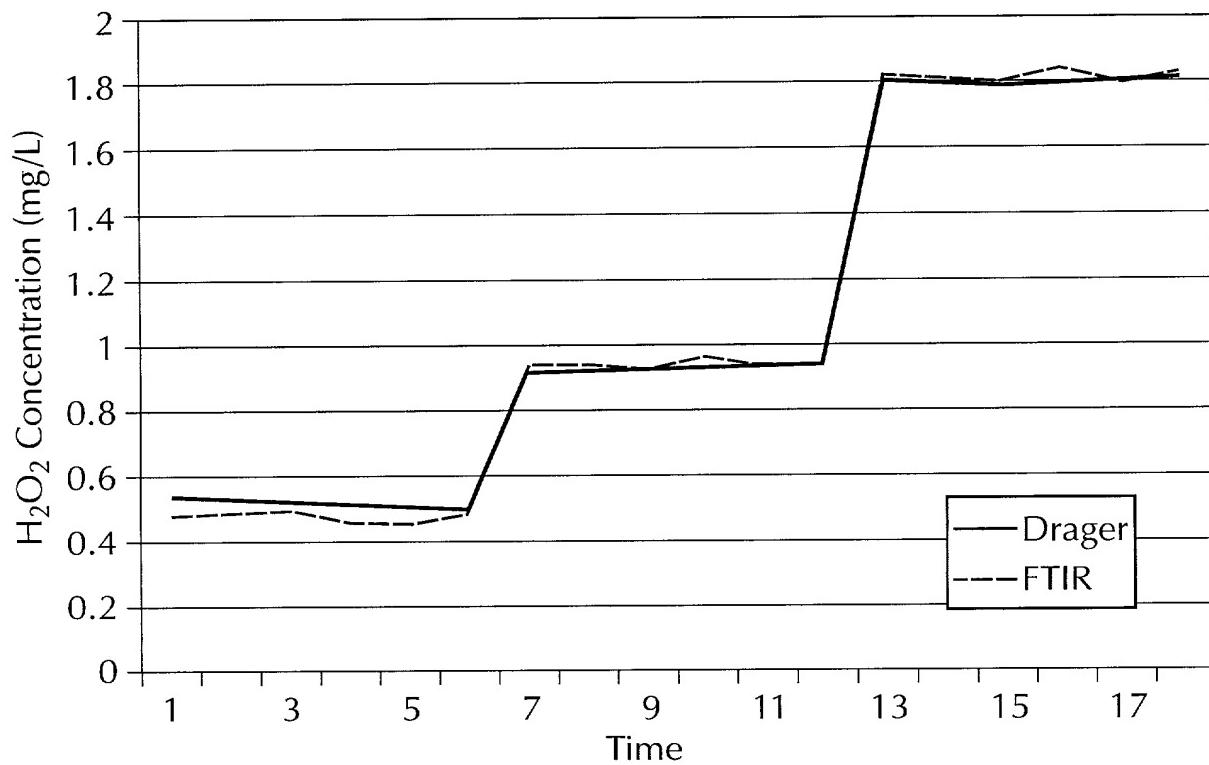
**FIG. 15**



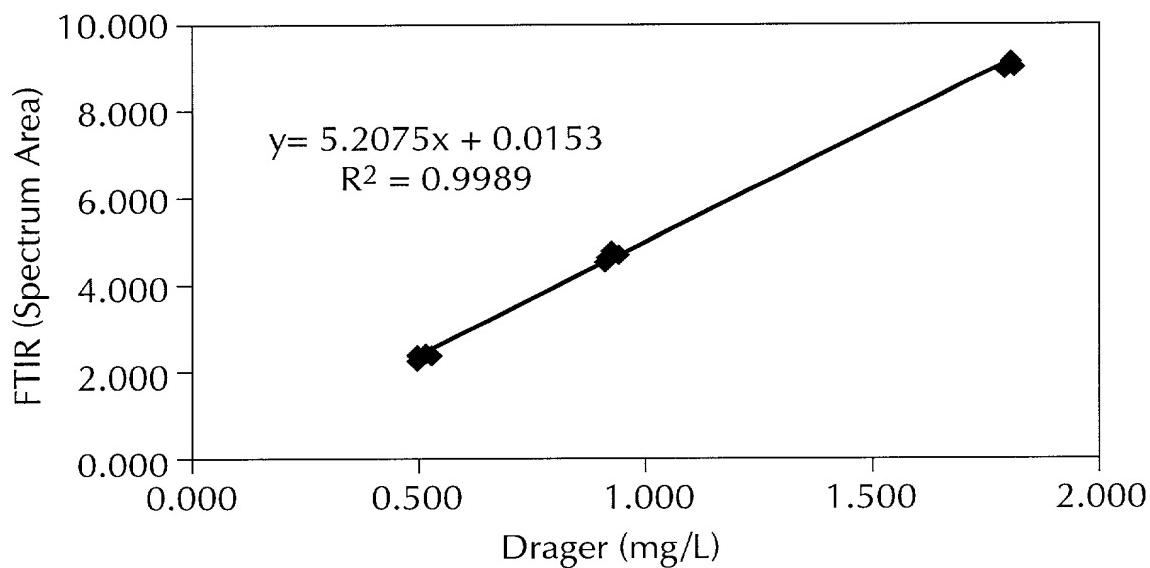
**FIG. 16**



**FIG. 17**



**FIG. 18**



**FIG. 19**

